

Title (en)

IMPLANT WITH A BRAIDED MESH STRUCTURE AND METHOD FOR PRODUCING SUCH AN IMPLANT

Title (de)

IMPLANTAT MIT EINER GEFLOCHTENEN GITTERSTRUKTUR UND VERFAHREN ZUM HERSTELLEN EINES DERARTIGEN IMPLANTATS

Title (fr)

IMPLANT À STRUCTURE EN TREILLIS FLOQUÉ ET PROCÉDÉ DE FAFRICATION D'UN TEL IMPLANT

Publication

EP 2341873 A1 20110713 (DE)

Application

EP 09777217 A 20090715

Priority

- EP 2009005154 W 20090715
- DE 102008033170 A 20080715

Abstract (en)

[origin: WO2010006786A1] The invention relates to an implant having a braided mesh structure (20), comprising wire elements (11) proximate to cells (14), wherein at least two wire elements (11) are disposed in an intersecting manner forming an intersection area (10). The implant according to the invention is characterized in that the braided mesh structure (20) comprises an elastically deformable support means (12) locally limited to the intersection area (10), said support means connecting the wire elements (11) in the intersection area (10) such that an elastic reset force acting on the braided mesh structure (20) can be adjusted by way of a relative movement of the wire elements (11) forming the intersection area (10). The invention further relates to a method for manufacturing such an implant, wherein at least two wire elements (11) braided into a mesh structure (20) are disposed in intersecting fashion for forming an intersection area (10) and are provided with a supporting means (12) that is locally limited to the intersection area (10).

IPC 8 full level

A61F 2/90 (2006.01)

CPC (source: EP)

A61F 2/90 (2013.01); **A61F 2/885** (2013.01)

Citation (search report)

See references of WO 2010006786A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008033170 A1 20100121; EP 2341873 A1 20110713; WO 2010006786 A1 20100121

DOCDB simple family (application)

DE 102008033170 A 20080715; EP 09777217 A 20090715; EP 2009005154 W 20090715